

## WEST Search History





DATE: Monday, September 27, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L38	L36 and (permeability)	5
<input type="checkbox"/>	L37	L36 and (Coates or Timur or Coates-Timur)	4
<input type="checkbox"/>	L36	L35 and (Waxman or Smits or Waxman-Smits or Thomas or Stieber or Thomas-Stieber)	8
<input type="checkbox"/>	L35	L34 and (horizontal\$3 or lateral\$3 or parallel or perpendicular\$3 or orthogonal\$3)	17
<input type="checkbox"/>	L34	L33 and (saturat\$7 or permeabl\$8)	17
<input type="checkbox"/>	L33	L32 and (sand or grain or granular or coarse or fine)	17
<input type="checkbox"/>	L32	L26 and (shal\$3)	17
<input type="checkbox"/>	L31	L30 and (fraction\$5 or portion\$5 or part)	14
<input type="checkbox"/>	L30	L29 and (model\$5)	14
<input type="checkbox"/>	L29	L27 and (formation or parameter or distribution)	15
<input type="checkbox"/>	L28	L26 and ((resolution or resolv\$6) with (horizontal\$3 or lateral\$3 or parallel or perpendicular\$3 or orthogonal\$3))	7
<input type="checkbox"/>	L27	L26 and (resistiv\$6 with (horizontal\$3 or lateral\$3 or parallel or perpendicular\$3 or orthogonal\$3))	15
<input type="checkbox"/>	L26	L25 and (bulk or irreducible or BV or BVI)	105
<input type="checkbox"/>	L25	L24 and (volume\$8)	131
<input type="checkbox"/>	L24	L23 and (density or (neutron with porosity))	144
<input type="checkbox"/>	L23	L22 and (water)	185
<input type="checkbox"/>	L22	L4 and (anisotropic\$5 or an-isotropic\$5)	185
<input type="checkbox"/>	L21	L14 and (anisotropic\$5 or an-isotropic\$5)	15
<input type="checkbox"/>	L20	L12 and (anisotropic\$5 or an-isotropic\$5)	16
<input type="checkbox"/>	L19	L11 and (anisotropic\$5 or an-isotropic\$5)	16
<input type="checkbox"/>	L18	L17 and (anisotropic\$5 or an-isotropic\$5)	4
<input type="checkbox"/>	L17	L16 and (formation or parameter or distribution)	8
<input type="checkbox"/>	L16	L15 and (Coates or Timur or Coates-Timur)	8
<input type="checkbox"/>	L15	L14 and (Waxman or Smits or Waxman-Smits or Thomas or Stieber or Thomas-Stieber)	63
<input type="checkbox"/>	L14	L13 and (saturat\$7 or permeabl\$8)	80
<input type="checkbox"/>	L13	L12 and (model\$5)	80
<input type="checkbox"/>	L12	L11 and (sand or grain or granular or coarse or fine)	86

<input type="checkbox"/>	L11	L10 and (shal\$3)	97
<input type="checkbox"/>	L10	L9 and (fraction\$5 or portion\$5 or part)	189
<input type="checkbox"/>	L9	L8 and (bulk or irreducible or BV or BVI)	189
<input type="checkbox"/>	L8	L7 and (volume\$8)	324
<input type="checkbox"/>	L7	L6 and (density or (neutron with porosity))	396
<input type="checkbox"/>	L6	L5 and (vertical\$3)	472
<input type="checkbox"/>	L5	L4 and (horizontal\$3 or lateral\$3)	737
<input type="checkbox"/>	L4	L3 and (water)	1913
<input type="checkbox"/>	L3	L2 and (estimat\$6 or approximat\$6)	2971
<input type="checkbox"/>	L2	L1 and (resistiv\$6)	4540
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	180298

END OF SEARCH HISTORY

## Hit List

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[Generate OACS](#)

### Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L17: Entry 1 of 8

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMI	Drawings
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☐ 2. Document ID: US 20030231017 A1

L17: Entry 2 of 8

File: PGPB

Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030231017

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030231017 A1

TITLE: Formation-based interpretation of NMR data for carbonate reservoirs

PUBLICATION-DATE: December 18, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kiesl, Christian	Hannover		DE	
Kruspe, <u>Thomas</u>	Wienhausen		DE	
Thern, Holger F.	Hannover		DE	
Surholt, Iris	Hannover		DE	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 3. Document ID: US 20020101235 A1

L17: Entry 3 of 8

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 4. Document ID: US 6727696 B2

L17: Entry 4 of 8

File: USPT

Apr 27, 2004

US-PAT-NO: 6727696

DOCUMENT-IDENTIFIER: US 6727696 B2

TITLE: Downhole NMR processing

DATE-ISSUED: April 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kruspe; <u>Thomas</u>	Wienhausen			DE
Kiesl; Christian	Hannover			DE
Thern; Holger	Hannover			DE
Schrader; Hartmut	Nienhagen			DE

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 5. Document ID: US 6686736 B2

L17: Entry 5 of 8

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736

DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw D
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☐ 6. Document ID: US 6470274 B1

L17: Entry 6 of 8

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274

DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity imaging tool, transverse induction logging and a tensorial dual water saturation model

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw D
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☐ 7. Document ID: US 6255819 B1

L17: Entry 7 of 8

File: USPT

Jul 3, 2001

US-PAT-NO: 6255819  
DOCUMENT-IDENTIFIER: US 6255819 B1

TITLE: System and method for geologically-enhanced magnetic resonance imaging logs

DATE-ISSUED: July 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Day; Peter Ian	Houston	TX		
Tutunji; Tarek A.	Houston	TX		
Hagiwara; Teruhiko	Houston	TX		

US-CL-CURRENT: 324/303; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 8. Document ID: US 6032101 A

L17: Entry 8 of 8

File: USPT

Feb 29, 2000

US-PAT-NO: 6032101  
DOCUMENT-IDENTIFIER: US 6032101 A

TITLE: Methods for evaluating formations using NMR and other logs

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freedman; Robert	Houston	TX		
Minh; Chanh Cao	Katy	TX		

US-CL-CURRENT: 702/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
FORMATION	1439800
FORMATIONS	70158
PARAMETER	396608
PARAMETERS	687697
DISTRIBUTION	983994
DISTRIBUTIONS	66237

(16 AND (DISTRIBUTION OR PARAMETER OR FORMATION)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8
(L16 AND (FORMATION OR PARAMETER OR DISTRIBUTION)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8

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### Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L18: Entry 1 of 4

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Drawings
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☐ 2. Document ID: US 20020101235 A1

L18: Entry 2 of 4

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	



US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 6686736 B2

L18: Entry 3 of 4

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736

DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from  
nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 4. Document ID: US 6470274 B1

L18: Entry 4 of 4

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274

DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity  
imaging tool, transverse induction logging and a tensorial dual water saturation  
model

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
ANISOTROPIC\$5	0
ANISOTROPIC	85832
ANISOTROPICAALLY	1
ANISOTROPICAFLY	2
ANISOTROPICAIFY	4
ANISOTROPICAL	935
ANISOTROPICALAL	2
ANISOTROPICALL	1
ANISOTROPICALLLY	5
ANISOTROPICALLOY	1
ANISOTROPICALLY	20085
(L17 AND (ANISOTROPIC\$5 OR ANISOTROPIC\$5)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

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### Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20040046577 A1

Using default format because multiple data bases are involved.

L28: Entry 1 of 7

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040046577

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040046577 A1

TITLE: Voltage testing and measurement

PUBLICATION-DATE: March 11, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pfaff, Paul	Portland	OR	US	
Russell, Kevin L.	Portland	OR	US	

US-CL-CURRENT: 324/752

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 2. Document ID: US 20030235272 A1

L28: Entry 2 of 7

File: PGPB

Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030235272

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030235272 A1

TITLE: Devices, methods, and systems involving castings

PUBLICATION-DATE: December 25, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Appleby, Michael	Charlottesville	VA	US	
Fraser, Iain	Ruckersville	VA	US	
Atkinson, James E.	Charlottesville	VA	US	

US-CL-CURRENT: 378/147

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 3. Document ID: US 20030128813 A1

L28: Entry 3 of 7

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030128813  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030128813 A1

TITLE: Devices, methods, and systems involving cast computed tomography collimators

PUBLICATION-DATE: July 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Appleby, Michael	Charlottesville	VA	US	
Fraser, Iain	Ruckersville	VA	US	
Atkinson, James E.	Charlottesville	VA	US	

US-CL-CURRENT: 378/147; 250/505.1, 264/271.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 4. Document ID: US 20030128812 A1

L28: Entry 4 of 7

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030128812  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030128812 A1

TITLE: Devices, methods, and systems involving cast collimators

PUBLICATION-DATE: July 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Appleby, Michael	Charlottesville	VA	US	
Fraser, Iain	Ruckersville	VA	US	
Atkinson, James E.	Charlottesville	VA	US	

US-CL-CURRENT: 378/147; 250/505.1, 264/271.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 5. Document ID: US 20030067312 A1

L28: Entry 5 of 7

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030067312  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030067312 A1

TITLE: Voltage testing and measurement

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pfaff, Paul	Portland	OR	US	
Russell, Kevin L.	Portland	OR	US	

US-CL-CURRENT: 324/753

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 6. Document ID: US 20030057972 A1

L28: Entry 6 of 7

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030057972  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030057972 A1

TITLE: Voltage testing and measurement

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pfaff, Paul	Portland	OR	US	
Russell, Kevin L.	Portland	OR	US	

US-CL-CURRENT: 324/752

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 7. Document ID: US 6512385 B1

L28: Entry 7 of 7

File: USPT

Jan 28, 2003

US-PAT-NO: 6512385  
DOCUMENT-IDENTIFIER: US 6512385 B1

TITLE: Method for testing a device under test including the interference of two beams

DATE-ISSUED: January 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pfaff; Paul	Portland	OR	97007-3052	
Russell; Kevin L.	Portland	OR		

US-CL-CURRENT: [324/753](#); [324/752](#), [324/765](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
RESOLUTION	414213
RESOLN	401
RESOLNS	5
RESOLUTIONS	23486
PARALLEL	2381544
PARALLELS	11668
RESOLV\$6	0
RESOLV	47
RESOLVAB	1
RESOLVABIITY	1
RESOLVABLE	4903
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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L31: Entry 1 of 14

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20030222651 A1

L31: Entry 2 of 14

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030222651

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030222651 A1

TITLE: System and method for evaluation of thinly laminated earth formations

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tabanou, Jacques R.	Houston	TX	US	

US-CL-CURRENT: 324/367; 324/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 3. Document ID: US 20030134089 A1

L31: Entry 3 of 14

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134089  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030134089 A1

TITLE: Polymer arrays from the combinatorial synthesis of novel materials

PUBLICATION-DATE: July 17, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schultz, Peter G.	La Jolla	CA	US	
Xiang, Xiao-Dong	Danville	CA	US	
Goldwasser, Isy	Palo Alto	CA	US	
Briceno, Gabriel	Baldwin Park	CA	US	
Sun, Xiao-Dong	Fremont	CA	US	

US-CL-CURRENT: 428/173; 257/E43.005

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 4. Document ID: US 20030105590 A1

L31: Entry 4 of 14

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105590  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030105590 A1

TITLE: WATER SATURATION AND SAND FRACTION DETERMINATION FROM BOREHOLE RESISTIVITY IMAGING TOOL, TRANSVERSE INDUCTION LOGGING AND A TENSORIAL WATER SATURATION MODEL

PUBLICATION-DATE: June 5, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mollison, Richard A.	Tomball	TX	US	
Schoen, Juergen H.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Kriegshauser, Berthold	Houston	TX	US	
Pavlovic, Milomir	Houston		US	

US-CL-CURRENT: 702/7



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 5. Document ID: US 20020101235 A1

L31: Entry 5 of 14

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from  
nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 6. Document ID: US 20010055669 A1

L31: Entry 6 of 14

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010055669  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010055669 A1

TITLE: Polymer arrays from the combinatorial synthesis of novel materials

PUBLICATION-DATE: December 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schultz, Peter G.	La Jolla	CA	US	
Xiang, Xiaodong	Alameda	CA	US	
Goldwasser, Isy	Palo Alto	CA	US	

US-CL-CURRENT: 428/173; 257/E43.005, 356/244, 422/102, 428/426

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 7. Document ID: US 6794052 B2

L31: Entry 7 of 14

File: USPT

Sep 21, 2004

US-PAT-NO: 6794052

DOCUMENT-IDENTIFIER: US 6794052 B2

TITLE: Polymer arrays from the combinatorial synthesis of novel materials

DATE-ISSUED: September 21, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	La Jolla	CA		
Xiang; Xiao-Dong	Danville	CA		
Goldwasser; Isy	Palo Alto	CA		
Briceno; Gabriel	Baldwin Park	CA		
Sun; Xiao-Dong	Fremont	CA		

US-CL-CURRENT: 428/500; 428/156, 428/172, 428/409, 428/441, 428/521, 435/4,  
436/524, 436/527

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw Dc
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☐ 8. Document ID: US 6711502 B2

L31: Entry 8 of 14

File: USPT

Mar 23, 2004

US-PAT-NO: 6711502

DOCUMENT-IDENTIFIER: US 6711502 B2

TITLE: Water saturation and sand fraction determination from borehole resistivity  
imaging tool, transverse induction logging and a tensorial water saturation model

DATE-ISSUED: March 23, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Schoen; Juergen S.	Leoben			AU
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/6; 702/2, 702/7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw Dc
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☐ 9. Document ID: US 6686736 B2

L31: Entry 9 of 14

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736  
DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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☐ 10. Document ID: US 6493632 B1

L31: Entry 10 of 14

File: USPT

Dec 10, 2002

US-PAT-NO: 6493632  
DOCUMENT-IDENTIFIER: US 6493632 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity imaging tool, transverse induction logging and a tensorial water saturation model

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/2; 703/10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
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☐ 11. Document ID: US 6470274 B1

L31: Entry 11 of 14

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274  
DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity

imaging tool, transverse induction logging and a tensorial dual water saturation model

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 12. Document ID: US 6326090 B1

L31: Entry 12 of 14

File: USPT

Dec 4, 2001

US-PAT-NO: 6326090

DOCUMENT-IDENTIFIER: US 6326090 B1

TITLE: Combinatorial synthesis of novel materials

DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Menlo Park	CA		

US-CL-CURRENT: 428/688; 257/E43.005, 428/689, 428/701, 428/702

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 13. Document ID: US 6004617 A

L31: Entry 13 of 14

File: USPT

Dec 21, 1999

US-PAT-NO: 6004617

DOCUMENT-IDENTIFIER: US 6004617 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Combinatorial synthesis of novel materials

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Menlo Park	CA		

US-CL-CURRENT: 427/8; 427/266, 427/333, 427/448, 427/504, 427/510, 427/559,  
436/809, 436/810

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUM	Draw Ds
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☐ 14. Document ID: US 5776359 A

L31: Entry 14 of 14

File: USPT

Jul 7, 1998

US-PAT-NO: 5776359

DOCUMENT-IDENTIFIER: US 5776359 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Giant magnetoresistive cobalt oxide compounds

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Menlo Park	CA		

US-CL-CURRENT: 252/62.51R; 423/263

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUM	Draw Ds
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PART	5969723
PARTS	2814545
FRACTION\$5	0
FRACTION	410727
FRACTIONA	28
FRACTIONAAL	1
FRACTIONAATED	1
FRACTIONABLE	99
FRACTIONABLY	3
FRACTIONACION	1

FRACTIONACTOR	1
(L30 AND (FRACTION\$5 OR PORTION\$5 OR PART)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	14

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Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L35: Entry 1 of 17

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Drawings
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☐ 2. Document ID: US 20040129789 A1

L35: Entry 2 of 17

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040129789

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040129789 A1

TITLE: Data distribution mechanism in the form of ink dots on cards

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Walmsley, Simon Robert	Balmain		AU	

US-CL-CURRENT: 235/494

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040125212 A1

L35: Entry 3 of 17

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040125212

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040125212 A1

TITLE: Camera for printing manipulated images

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Lapstun, Paul	Balmain		AU	
Walmsley, Simon Robert	Balmain		AU	

US-CL-CURRENT: 348/207.99

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20040119827 A1

L35: Entry 4 of 17

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040119827

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040119827 A1

TITLE: Camera for printing manipulated images on media

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Lapstun, Paul	Balmain		AU	
Walmsley, Simon Robert	Balmain		AU	

US-CL-CURRENT: 348/207.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20040080620 A1



L35: Entry 5 of 17

File: PGPB

Apr 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040080620  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040080620 A1

TITLE: Integrated circuit for a digital camera system

PUBLICATION-DATE: April 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	

US-CL-CURRENT: 348/207.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. Ds
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☐ 6. Document ID: US 20040056105 A1

L35: Entry 6 of 17

File: PGPB

Mar 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040056105  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040056105 A1

TITLE: Data structure encoded on a surface of an object

PUBLICATION-DATE: March 25, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Robert, Walmsley Simon	Balmain		AU	

US-CL-CURRENT: 235/494

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. Ds
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☐ 7. Document ID: US 20040018611 A1

L35: Entry 7 of 17

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040018611  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040018611 A1

TITLE: Microfluidic devices for high gradient magnetic separation

PUBLICATION-DATE: January 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ward, Michael Dennis	Los Alamos	NM	US	
Grodzinski, Piotr	Chandler	AZ	US	
Liu, Robin Hui	Chandler	AZ	US	
Engel, Bradley Neal	Chandler	AZ	US	
Liu, Yingjie	Chandler	AZ	US	

US-CL-CURRENT: 435/287.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NUMC	Draw Ds
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☐ 8. Document ID: US 20030222651 A1

L35: Entry 8 of 17

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030222651

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030222651 A1

TITLE: System and method for evaluation of thinly laminated earth formations

PUBLICATION-DATE: December 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tabanou, Jacques R.	Houston	TX	US	

US-CL-CURRENT: 324/367; 324/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NUMC	Draw Ds
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☐ 9. Document ID: US 20030105590 A1

L35: Entry 9 of 17

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105590

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030105590 A1

TITLE: WATER SATURATION AND SAND FRACTION DETERMINATION FROM BOREHOLE RESISTIVITY IMAGING TOOL, TRANSVERSE INDUCTION LOGGING AND A TENSORIAL WATER SATURATION MODEL

PUBLICATION-DATE: June 5, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mollison, Richard A.	Tomball	TX	US	
Schoen, Juergen H.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	

Kriegshauser, Berthold                      Houston              TX              US  
Pavlovic, Milomir                              Houston                      US

US-CL-CURRENT: 702/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 10. Document ID: US 20020101235 A1

L35: Entry 10 of 17

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from  
nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 11. Document ID: US 6788336 B1

L35: Entry 11 of 17

File: USPT

Sep 7, 2004

US-PAT-NO: 6788336  
DOCUMENT-IDENTIFIER: US 6788336 B1

TITLE: Digital camera with integral color printer and modular replaceable print  
roll

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Silverbrook, Kia	Sydney			AU

US-CL-CURRENT: 348/207.2; 348/375

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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**12. Document ID: US 6711502 B2**

L35: Entry 12 of 17

File: USPT

Mar 23, 2004

US-PAT-NO: 6711502

DOCUMENT-IDENTIFIER: US 6711502 B2

TITLE: Water saturation and sand fraction determination from borehole resistivity imaging tool, transverse induction logging and a tensorial water saturation model

DATE-ISSUED: March 23, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Schoen; Juergen S.	Leoben			AU
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/6; 702/2, 702/1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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**13. Document ID: US 6686736 B2**

L35: Entry 13 of 17

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736

DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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**14. Document ID: US 6493632 B1**

L35: Entry 14 of 17

File: USPT

Dec 10, 2002

US-PAT-NO: 6493632  
DOCUMENT-IDENTIFIER: US 6493632 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity  
imaging tool, transverse induction logging and a tensorial water saturation model

DATE-ISSUED: December 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/2; 703/10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 15. Document ID: US 6470274 B1

L35: Entry 15 of 17

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274  
DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity  
imaging tool, transverse induction logging and a tensorial dual water saturation  
model

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 16. Document ID: US 6356715 B1

L35: Entry 16 of 17

File: USPT

Mar 12, 2002

US-PAT-NO: 6356715  
DOCUMENT-IDENTIFIER: US 6356715 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Prints remaining indicating for camera with variable length print capability

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Silverbrook; Kia	Sydney			AU

US-CL-CURRENT: 396/284; 347/101, 396/429, 396/515

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 17. Document ID: US 4719423 A

L35: Entry 17 of 17

File: USPT

Jan 12, 1988

US-PAT-NO: 4719423

DOCUMENT-IDENTIFIER: US 4719423 A

TITLE: NMR imaging of materials for transport properties

DATE-ISSUED: January 12, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinegar; Harold J.	Houston	TX		
Rothwell; William P.	Katy	TX		

US-CL-CURRENT: 324/303; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PARALLEL	2381544
PARALLELS	11668
HORIZONTAL\$3	0
HORIZONTAL	1381757
HORIZONTALA	7
HORIZONTALAL	5
HORIZONTALALY	1
HORIZONTALAND	23

HORIZONTALARM	1
HORIZONTALB	2
HORIZONTALBAR	1
(L34 AND (HORIZONTAL\$3 OR LATERAL\$3 OR PARALLEL OR PERPENDICULAR\$3 OR ORTHOGONAL\$3)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	17

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### Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L36: Entry 1 of 8

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20030105590 A1

L36: Entry 2 of 8

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105590

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030105590 A1

TITLE: WATER SATURATION AND SAND FRACTION DETERMINATION FROM BOREHOLE RESISTIVITY IMAGING TOOL, TRANSVERSE INDUCTION LOGGING AND A TENSORIAL WATER SATURATION MODEL

PUBLICATION-DATE: June 5, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mollison, Richard A.	Tomball	TX	US	
Schoen, Juergen H.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	



Kriegshauser, Berthold	Houston	TX	US
Pavlovic, Milomir	Houston		US

US-CL-CURRENT: 702/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw	De
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☐ 3. Document ID: US 20020101235 A1

L36: Entry 3 of 8

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from  
nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw	De
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☐ 4. Document ID: US 6711502 B2

L36: Entry 4 of 8

File: USPT

Mar 23, 2004

US-PAT-NO: 6711502  
DOCUMENT-IDENTIFIER: US 6711502 B2

TITLE: Water saturation and sand fraction determination from borehole resistivity  
imaging tool, transverse induction logging and a tensorial water saturation model

DATE-ISSUED: March 23, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Schoen; Juergen S.	Leoben			AU
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/6; 702/2, 702/7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 5. Document ID: US 6686736 B2

L36: Entry 5 of 8

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736

DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 6. Document ID: US 6493632 B1

L36: Entry 6 of 8

File: USPT

Dec 10, 2002

US-PAT-NO: 6493632

DOCUMENT-IDENTIFIER: US 6493632 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity imaging tool, transverse induction logging and a tensorial water saturation model

DATE-ISSUED: December 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/2; 703/10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw De
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☐ 7. Document ID: US 6470274 B1

L36: Entry 7 of 8

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274

DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity imaging tool, transverse induction logging and a tensorial dual water saturation model

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 4719423 A

L36: Entry 8 of 8

File: USPT

Jan 12, 1988

US-PAT-NO: 4719423

DOCUMENT-IDENTIFIER: US 4719423 A

TITLE: NMR imaging of materials for transport properties

DATE-ISSUED: January 12, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinegar; Harold J.	Houston	TX		
Rothwell; William P.	Katy	TX		

US-CL-CURRENT: 324/303; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
WAXMAN	1205

WAXMEN	0
WAXMENS	0
WAXMANS	1
SMITS	2541
SMIT	3520
WAXMAN-SMITS	32
WAXMAN-SMIT	4
THOMAS	448503
THOMA	4264
STIEBER	400
(L35 AND (WAXMAN OR SMITS OR WAXMAN-SMITS OR THOMAS OR STIEBER OR THOMAS-STIEBER)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8

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### Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L37: Entry 1 of 4

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Drawings
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☐ 2. Document ID: US 20020101235 A1

L37: Entry 2 of 4

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 3. Document ID: US 6686736 B2

L37: Entry 3 of 4

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736

DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 4. Document ID: US 6470274 B1

L37: Entry 4 of 4

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274

DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity imaging tool, transverse induction logging and a tensorial dual water saturation model

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Term	Documents
COATES	6686
COATE	331
TIMUR	170
TIMURS	0
COATES-TIMUR	8
COATES-TIMURS	0
(36 AND (COATES-TIMUR OR TIMUR OR COATES)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4
(L36 AND (COATES OR TIMUR OR COATES-TIMUR)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

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### Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040140801 A1

Using default format because multiple data bases are involved.

L38: Entry 1 of 5

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140801 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: July 22, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 2. Document ID: US 20020101235 A1

L38: Entry 2 of 5

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020101235

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020101235 A1

TITLE: Combined characterization and inversion of reservoir parameters from nuclear, NMR and resistivity measurements

PUBLICATION-DATE: August 1, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schoen, Juergen S.	Leoben	TX	AT	
Fanini, Otto N.	Houston	TX	US	
Georgi, Daniel	Houston		US	



US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 3. Document ID: US 6686736 B2

L38: Entry 3 of 5

File: USPT

Feb 3, 2004

US-PAT-NO: 6686736

DOCUMENT-IDENTIFIER: US 6686736 B2

TITLE: Combined characterization and inversion of reservoir parameters from  
nuclear, NMR and resistivity measurements

DATE-ISSUED: February 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schoen; Juergen S.	Leoben			AT
Fanini; Otto N.	Houston	TX		
Georgi; Daniel	Houston	TX		

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 4. Document ID: US 6470274 B1

L38: Entry 4 of 5.

File: USPT

Oct 22, 2002

US-PAT-NO: 6470274

DOCUMENT-IDENTIFIER: US 6470274 B1

TITLE: Water saturation and sand fraction determination from borehole resistivity  
imaging tool, transverse induction logging and a tensorial dual water saturation  
model

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mollison; Richard A.	Tomball	TX		
Fanini; Otto N.	Houston	TX		
Kriegshauser; Berthold	Houston	TX		
Pavlovic; Milomir	Houston	TX		

US-CL-CURRENT: 702/7; 702/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 5. Document ID: US 4719423 A

L38: Entry 5 of 5

File: USPT

Jan 12, 1988

US-PAT-NO: 4719423

DOCUMENT-IDENTIFIER: US 4719423 A

TITLE: NMR imaging of materials for transport properties

DATE-ISSUED: January 12, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vinegar; Harold J.	Houston	TX		
Rothwell; William P.	Katy	TX		

US-CL-CURRENT: 324/303; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
PERMEABILITY	179746
PERMEABILITIES	6963
PERMEABILITYS	4
(36 AND PERMEABILITY).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5
(L36 AND (PERMEABILITY)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5

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